

Attorney's Docket No. 42P12043PatentIn re the Application of: Achintya K. Bhowmik
(inventor(s))Application No.: 09/955,235Filed: September 17, 2001For: METHOD AND APPARATUS FOR SWITCHING AND MODULATING AN OPTICAL
SIGNAL WITH ENHANCED SENSITIVITY
(title)ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR: Transmitted herewith is an Amendment for the above application.

 Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted. A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 and 1.27 is enclosed. X No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amd.		Highest No. Previously Paid For	Present Extra
Total Claims	* 25	Minus	** 25	0
Indep. Claims	* 5	Minus	*** 5	0
First Presentation of Multiple Dependent Claim(s)				

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

SMALL ENTITY

Rate	Additional Fee
X9	\$
X42	\$
+140	\$
Total Add. Fee	\$

OTHER THAN A SMALL ENTITY

Rate	Additional Fee
X18	\$ 0.00
X84	\$ 0.00
+280	\$
Total Add. Fee	\$ 0.00

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on February 7, 2003
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_____ A check in the amount of \$_____ is attached for presentation of additional claim(s).
_____ Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to
37 C.F.R. § 1.136(a).

_____ A check for \$_____ is attached for processing fees under 37 C.F.R. § 1.17.

_____ Please charge my Deposit Account No. 02-2666 the amount of \$_____.

A duplicate copy of this sheet is enclosed.

X The Commissioner of Patents and Trademarks is hereby authorized to charge payment of the
following fees associated with this communication or credit any overpayment to Deposit Account
No. 02-2666 **(a duplicate copy of this sheet is enclosed):**

_____ Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of
extra claims.

_____ Any extension or petition fees under 37 C.F.R. § 1.17.

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date: Feb. 7, 2003

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Patent

4/A
2-21-03
J. Carter

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Achintya K. Bhowmik

Serial No. 09/955,235

Filed: September 17, 2001

For: METHOD AND APPARATUS FOR
SWITCHING AND MODULATING AN
OPTICAL SIGNAL WITH ENHANCED
SENSITIVITY

Examiner: Song, Sarah U.

Art Unit: 2874

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, DC 20231

AMENDMENT AND RESPONSE

Sir:

Responsive to the Office Action mailed December 18, 2002, the Applicant respectfully requests the Examiner to enter the following amendments and to consider the following remarks.

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IN THE SPECIFICATION

Please replace the paragraph beginning at page 6, line 10, with the following amended paragraph.

A¹ In this embodiment, MZI structure 14 includes optical coupler 24, optical coupler 25 and a phase shifter 26. Optical couplers 24 and 25 are also referred herein as optical combiners 24 and 25. For example, optical coupler 24 can be

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